



Figure 1S. Hypoxia stimulates hsp90α secretion, but not the transcription of hsp90α gene.

(A) HDFs were serum starved and subjected to either normoxia or hypoxia for 4 hr in the absence or presence of the protein synthesis inhibitor, cycloheximide (CHX, 10 μ M). Equalized total cell lysates (60 μ g proteins) were subjected to SDS-PAGE, followed by Western immunoblotting analysis with anti- hsp90α antibodies. The lower part of the same membrane was blotted with anti-p38 antibodies. The ratio (%) of hsp90α over its corresponding p38 by densitometry scanning is shown, taking the ratio under normoxia without CHX as 100%.

(B) Hypoxia does not affect hsp90α promoter activity. HDFs were transiently transfected with pGL control (TK and c-fos) and pGL-hsp90α-luciferase plasmids and luciferase activity was measured. The values shown are the means \pm SEM of three independent experiments.

Figure 1S